

### Overview

#### HP Chromebook 14 G7



#### Left

- |                              |   |
|------------------------------|---|
| 1. Microphones (2)           | 5. Touch Pad                                  |
| 2. Webcam                    | 6. SuperSpeed USB Type-A 5Gbps signaling rate |
| 3. Privacy Camera (Optional) | 7. HDMI v1.4                                  |
| 4. Webcam LED                | 8. Nano Lock Slot (Lock sold separately.)     |

### Overview



#### Right

- |  |   |
|--|---|
| 1. Power Button  | 4. MicroSD Memory Card Reader               |
| 2. SuperSpeed USB Type-C® 5Gbps signaling rate (Power Delivery, video, data) | 5. Stereo Headphone / Microphone Combo Jack |
| 3. SuperSpeed USB Type-A 5Gbps signaling rate                                |   |

### Overview

#### AT A GLANCE

- Supports latest Intel® Celeron® N4500 and N5100 processors
- Choice of up to 8 GB memory and 64 GB eMMC storage
- Intel® Wi-Fi 6 AX 2x2 WLAN with MU-MIMO and HP Extended Range Wireless Lan for stable connection in dense environment
- Optional backlit keyboard
- Narrow bezel display design
- 180-degree hinge and optional IPS anti-glare touchscreen for collaboration
- Optional privacy camera
- All-day battery life
- Spend less time charging with HP Fast Charge technology
- One HDMI port to connect to displays and projectors without dongle
- 1 SuperSpeed USB Type-C® 5Gbps signaling rate (Power Delivery, video, data)
- 18.35mm Thin from the front
- Weight starting at 1.54 kg (3.38 lbs)
- Front-facing 720p HD camera comes with two microphones
- Android Apps ready

**NOTE: See important legal disclosures for all listed specs in their respective features sections.**

### Technical Specifications

#### PRODUCT NAME

HP Chromebook 14 G7

#### OPERATING SYSTEM

**Preinstalled** Chrome OS

#### PROCESSORS

Intel® Celeron® N4500 (up to 2.8 GHz burst frequency, 4 MB L3 cache, 2 cores) <sup>1,2</sup>  
Intel® Celeron® N5100 (up to 2.80 GHz burst frequency, 4 MB L3 cache, 4 cores) <sup>1,2</sup>

Processor Family  
Intel® Celeron® processor (N5100, N4500)

1. Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations Intel's numbering, branding and/or naming is not a measurement of higher performance
2. Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

#### CHIPSET

Chipset is integrated with processor

### Technical Specifications

#### GRAPHICS

**Integrated**

Intel® UHD Graphics <sup>3</sup>

**Supports**

Support HD decode, DX12, HDMI

3. FHD/HD content required to view HD images.

#### DISPLAY

**Non-Touch**

35.56 cm (14") diagonal, HD (1366 x 768) anti-glare WLED SVA, 250 nits, 45% NTSC, eDP NB ultraslim <sup>3,4</sup>

35.56 cm (14") diagonal, FHD (1920 x 1080) anti-glare WLED UWVA, 250 nits, 45% NTSC, eDP NB slim <sup>3,4</sup>

**Touch**

35.56 cm (14") diagonal, HD (1366 x 768) anti-glare WLED SVA, 250 nits, 45% NTSC, eDP NB Touch on panel <sup>3,4,5</sup>

35.56 cm (14") diagonal, FHD (1920 x 1080) anti-glare WLED UWVA, 250 nits, 45% NTSC, eDP NB slim Touch on panel <sup>3,4,5</sup>

3. FHD/HD content required to view FHD/HD images.

4. Resolutions are dependent upon monitor capability, and resolution and color depth settings.

5. Actual brightness will be lower with touchscreen or Sure View.

#### STORAGE AND DRIVES

**Primary Storage**

128 GB eMMC 5.0 <sup>6</sup>

64 GB eMMC 5.0 <sup>6</sup>

32 GB eMMC 5.0 <sup>6</sup>

6. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 9 GB is not user available

#### MEMORY

**Maximum Memory**

8 GB LPDDR4X-4266 SDRAM

**Memory**

8 GB LPDDR4X -4266 SDRAM

### Technical Specifications

4 GB LPDDR4X -4266 SDRAM

#### Memory Slots

Memory soldered on board

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### NETWORKING/COMMUNICATIONS

#### WLAN

Intel® Dual Band Wi-Fi 6 AX201 802.11a/b/g/n/ac/ax (2x2) WLAN and Bluetooth® 5.1 Combo, non-vPro® <sup>7</sup>

MU-MIMO supported

HP Extended Range WLAN supported

#### Chromecast

Chromecast Support <sup>8</sup>

7. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for Wi-Fi 6 (802.11ax WLAN) are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax WLAN devices. Only available in countries where 802.11ax is supported.

8. Chromecast must be purchased separately.

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### AUDIO/MULTIMEDIA

#### Audio

HD audio

Dual 2W stereo speakers

Integrated dual microphones

#### Camera

720p HD camera <sup>9</sup>

Privacy shutter <sup>10</sup>

9. HD content required to view HD images.

10. Privacy shutter is an optional feature.

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### KEYBOARDS/POINTING DEVICES/BUTTONS & FUNCTION KEYS

#### Keyboard

Full-size island-style Chrome keyboard, spill resistant



### Technical Specifications

Full-size island-style Chrome keyboard, backlit, spill resistant <sup>11</sup>

#### Pointing Device

Clickpad with multi-touch gesture support

Taps enabled as default

11. Backlit keyboard is an optional feature.

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### SOFTWARE AND SECURITY

#### Preinstalled Software

HP Classroom Manager <sup>21</sup>

#### Manageability Features

Chrome Education Upgrade <sup>22,23</sup>

#### Security Management

Titan C security chip

Nano Lock Slot (Lock sold separately.)

Zero Touch Enrollment

21. HP Classroom Manager is sold separately. Control and device locking from the teacher's desktop requires purchase of HP Classroom Manager.

22. Sold separately.

23. Chrome Education Upgrade requires one-time setup, subscription, Google Admin Console, and your organization's domain. Please see <https://support.google.com/a/answer/60216>.

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### POWER

#### Power Supply

HP Smart 45 W USB Type-C adapter

#### Primary Battery

HP Long Life 2-cell, 47 Wh Li-ion polymer <sup>13,14</sup>

HP Fast Charge Technology (90% in 90 minutes) <sup>15</sup>

#### Power Cord

3-wire plug - 1m

#### Battery Life

Up to 12 hours and 30 minutes<sup>24</sup>

### Technical Specifications

#### Battery Weight

0.42 lb

0.192 kg

13. Battery is internal and not replaceable by customer. Serviceable by warranty.

14. Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.

15. Recharges the battery up to 90% within 90 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

24. Testing conducted by HP using Google Chrome OS power\_LoadTest. Battery life will vary and the maximum capacity of the battery will naturally decrease with time and usage. See <http://www.chromium.org/chromium-os/testing/power-testing> for test details. Full charge battery life will decrease after Adaptive Battery Optimizer activation.

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### WEIGHTS & DIMENSIONS

#### Product Weight

Starting at 3.38 lb <sup>16</sup>

Starting at 1.54 kg <sup>16</sup>

#### Product Dimensions (w x d x h)

12.85 x 8.93 x 0.72 in

32.65x 22.7 x 1.83 cm

16. Weight will vary by configuration. Does not include power adapter

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### Technical Specifications

#### PORTS/SLOTS

- 1 SuperSpeed USB Type-C® 5Gbps signaling rate (Power Delivery, video, data)
- 2 SuperSpeed USB Type-A 5Gbps signaling rate
- 1 Stereo headphone/microphone combo jack
- 1 HDMI v1.4 <sup>17</sup>

#### Expansion Slots

- 1 Micro SD multi-format digital media reader
- Supports SD, SDHC, SDXC

<sup>17</sup>. HDMI cable sold separately.

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#### SERVICE AND SUPPORT

1-year limited warranty and 90-day software limited warranty options depending on country. Batteries have a default one-year limited warranty. Refer to <http://www.hp.com/support/batterywarranty/> for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <http://www.hp.com/go/cpc>. <sup>18</sup>

<sup>18</sup>. HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc). HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

### Technical Specifications

#### SYSTEM UNIT

<b>Stand-Alone Power Requirements (AC Power)</b>	USB-C® 45W adapter
Nominal Operating Voltage	15V
Average Operating Power	<4.3w with PLT test
Integrated graphics	Intel UHD Graphics 12EUs/24EUs
Max Operating Power Temperature	< 45W
Operating	41° to 95° F (5° to 35° C)
Non-operating	-4° to 140° F (-20° to 60° C)
<b>Relative Humidity</b>	
Operating	10% to 90%
Non-operating	5% to 95%
<b>Shock</b>	
Operating	40 G, 2 ms, half-sine
Non-operating	240 G, 2 ms, half-sine
<b>Random Vibration</b>	
Operating	1.043 grms
Non-operating	3.5 grms
<b>Altitude (unpressurized)</b>	
Operating	-50 to 10,000 ft (-15 to 3,048 m)
Non-operating	-50 to 40,000 ft (-15 to 12,192 m)
<b>Planned Industry Standard Certifications</b>	
UL	Yes
CSA	No
FCC Compliance	Yes
ENERGY STAR®	ENERGY STAR® 8.0 <sup>19</sup>
EPEAT	EPEAT® Silver in United States <sup>20</sup>
ICES	Yes
Australia /	Yes
NZ A-Tick Compliance	Yes
CCC	Yes
Japan VCCI Compliance	No
KC	Yes
BSMI	Yes
CE Marking Compliance	Yes
BNCI or BELUS	No
CIT	Yes
GOST	Yes
Saudi Arabian Compliance (ICCP)	Yes
SABS	Yes
UKRSERTCOMPUTER	No

19. Configurations of the HP ChromeBook 14 G7 that are ENERGY STAR® qualified are identified as HP ChromeBook 14 G7 ENERGY STAR on HP websites and on <http://www.energystar.gov>.

### Technical Specifications

20. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit <http://www.epeat.net> for more information.

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Technical Specifications

DISPLAYS

1. Actual brightness will be lower with touchscreen or sure view.  
Note: all specifications represent the typical specifications provided by hp's component manufacturers; actual performance may vary either higher or lower.

<b>Panel LCD 14-in FHD (1920x1080) Anti-Glare WLED UWVA 45percent cg 250nits eDP NWBZ slim</b>	<b>Outline Dimensions (W x H x D)</b>	316.17 x 197.98 max.
	<b>Active Area</b>	309.37 x 174.02
	<b>Weight</b>	<285g max.
	<b>Diagonal Size</b>	14.0"
	<b>Thickness</b>	3.0mm max.
	<b>Interface</b>	eDP 1.2
	<b>Surface Treatment</b>	Anti-glare (AG)
	<b>Touch Enabled</b>	None
	<b>Contrast Ratio</b>	600:1
	<b>Refresh Rate</b>	60Hz
	<b>Brightness</b>	250nit
	<b>Pixel Resolution</b>	1920 x 1080 (FHD)
	<b>Format</b>	RGB
	<b>Backlight</b>	LED
	<b>Color Gamut Coverage</b>	45%
	<b>Color Depth</b>	6bit
	<b>Viewing Angle</b>	UWVA 85/85/85/85

<b>Panel LCD 14-in FHD (1920x1080) Anti-Glare WLED UWVA 45percent cg 250nits eDP TOP NWBZ slim</b>	<b>Outline Dimensions (W x H x D)</b>	316.17 x 198.07 max.
	<b>Active Area</b>	309.37 x 174.02
	<b>Weight</b>	<290g max.
	<b>Diagonal Size</b>	14.0"
	<b>Thickness</b>	3.0mm (Panel Side) / 3.2mm (PCBA Side) max.
	<b>Interface</b>	eDP 1.2
	<b>Surface Treatment</b>	Anti-glare (AG)
	<b>Touch Enabled</b>	Yes
	<b>Contrast Ratio</b>	600:1 - AG
	<b>Refresh Rate</b>	60Hz
	<b>Brightness<sup>1</sup></b>	250 nits
	<b>Pixel Resolution</b>	1920 x 1080 (FHD)
	<b>Format</b>	RGB
	<b>Backlight</b>	LED
	<b>Color Gamut Coverage</b>	45%
	<b>Color Depth</b>	6bit
	<b>Viewing Angle</b>	UWVA 85/85/85/85

### Technical Specifications

<b>Panel LCD 14-in HD (1366x768)</b> <b>Anti-Glare WLED SVA 45percent</b> <b>cg 250nits eDP 1.2 w/o PSR TOP</b> <b>NWBZ flat</b>	<b>Outline Dimensions (W x H x D)</b>	315.9*197.54
	<b>Active Area</b>	309.4 x 173.95
	<b>Weight</b>	290g Max
	<b>Diagonal Size</b>	14."
	<b>Thickness</b>	3.0mm (Panel Side) / 3.2mm (PCBA Side) max.
	<b>Interface</b>	eDP 1.2
	<b>Surface Treatment</b>	Anti-glare (AG)
	<b>Touch Enabled</b>	Yes
	<b>Contrast Ratio</b>	400:1 - AG
	<b>Refresh Rate</b>	60Hz
	<b>Brightness<sup>1</sup></b>	250 nits
	<b>Pixel Resolution</b>	1366 x 768 (HD)
	<b>Format</b>	RGB
	<b>Backlight</b>	LED
	<b>Color Gamut Coverage</b>	45%
	<b>Color Depth</b>	6 bits
	<b>Viewing Angle</b>	SVA 45/45/15/30

<b>Panel LCD 14-in HD (1366x768)</b> <b>Anti-Glare WLED SVA 45percent</b> <b>cg 250nits eDP NWBZ ultraslim</b>	<b>Outline Dimensions (W x H x D)</b>	315.9+/-0.3 x 197.54 +/- 0.5
	<b>Active Area</b>	309.4 x 173.95
	<b>Weight</b>	285g Max
	<b>Diagonal Size</b>	14."
	<b>Thickness</b>	3.0mm max
	<b>Interface</b>	eDP 1.2
	<b>Surface Treatment</b>	Anti-glare (AG)
	<b>Touch Enabled</b>	None
	<b>Contrast Ratio</b>	300:1 - AG
	<b>Refresh Rate</b>	60Hz
	<b>Brightness</b>	250nits
	<b>Pixel Resolution</b>	1366 x 768 (HD)
	<b>Format</b>	RGB
	<b>Backlight</b>	LED
	<b>Color Gamut Coverage</b>	45%
	<b>Color Depth</b>	6 bits
	<b>Viewing Angle</b>	SVA 45/45/15/30

## Technical Specifications

### STORAGE

eMMC 5.0	Drive Weight	0.2 g
	Rotation speed	32 GB/64 GB/128 GB
	Cache Buffer	
	Height	1.4 mm
	Width	11.5x13 mm
	Interface	MMC protocol
	Transfer Rate	Up to 250 MB/s
	Seek Time	Up to 70 MB/s
	Logical Blocks	32 GB (31,268,536,320 Bytes)/64 GB (62,537,072,640 Bytes)/ 128 GB (125,074,145,280)
	Operating Temperature	0 to 70
	Security Features	HS400

For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 9 GB is not user available

## Technical Specifications

## NETWORKING

<b>Intel® Wi-Fi 6 AX201 and Bluetooth® 5.1 (802.11ax 2x2, supporting gigabit data rate) (non-vPro)<sup>1,5</sup></b>	<b>Wireless LAN Standards</b>	IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n IEEE 802.11ac IEEE 802.11ax IEEE 802.11d IEEE 802.11e IEEE 802.11h IEEE 802.11i IEEE 802.11k IEEE 802.11r IEEE 802.11v
	<b>Interoperability</b>	Features Wi-Fi 6 technology
	<b>Frequency Band</b>	802.11b/g/n/ax • 2.402 – 2.482 GHz 802.11a/n/ac/ax • 4.9 – 4.95 GHz (Japan) • 5.15 – 5.25 GHz • 5.25 – 5.35 GHz • 5.47 – 5.725 GHz • 5.825 – 5.850 GHz
	<b>Data Rates</b>	• 802.11b: 1, 2, 5.5, 11 Mbps • 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps • 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps • 802.11n: MCS 0 ~ MCS 15, (20MHz, and 40MHz) • 802.11ac : MCS0 ~ MCS9, (1SS, and 2SS) (20MHz, 40MHz, ,80MHz & 160MHz) • 802.11ax : MCS0 ~ MCS11, (1SS and 2SS) (20MHz, 40MHz, ,80MHz & 160MHz)
	<b>Modulation</b>	Direct Sequence Spread Spectrum OFDM, BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM, 1024QAM
	<b>Security<sup>3</sup></b>	• IEEE compliant 64 / 128 bit WEP encryption for a/b/g mode only • AES-CCMP: 128 bit in hardware • 802.1x authentication • WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES. • WPA2 certification • IEEE 802.11i • WAPI
	<b>Network Architecture Models</b>	Ad-hoc (Peer to Peer) Infrastructure (Access Point Required)
	<b>Roaming</b>	IEEE 802.11 compliant roaming between access points
	<b>Output Power<sup>2</sup></b>	• 802.11b : +18.5dBm minimum

### Technical Specifications

	<ul style="list-style-type: none"> <li>• 802.11g : +17.5dBm minimum</li> <li>• 802.11a : +18.5dBm minimum</li> <li>• 802.11n HT20(2.4GHz) : +15.5dBm minimum</li> <li>• 802.11n HT40(2.4GHz) : +14.5dBm minimum</li> <li>• 802.11n HT20(5GHz) : +15.5dBm minimum</li> <li>• 802.11n HT40(5GHz) : +14.5dBm minimum</li> <li>• 802.11ac VHT80(5GHz) : +11.5dBm minimum</li> <li>• 802.11ac VHT160(5GHz) : +11.5dBm minimum</li> <li>• 802.11ax HT40(2.4GHz) : +10dBm minimum</li> <li>• 802.11ax VHT160(5GHz) : +10dBm minimum</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• Transmit mode 2.0 W</li> <li>• Receive mode 1.6 W</li> <li>• Idle mode (PSP) 180 mW (WLAN Associated)</li> <li>• Idle mode 50 mW (WLAN unassociated)</li> <li>• Connected Standby 10mW</li> <li>• Radio disabled 8 mW</li> </ul>
<b>Power Management</b>	ACPI and PCI Express compliant power management 802.11 compliant power saving mode
<b>Receiver Sensitivity<sup>4</sup></b>	<ul style="list-style-type: none"> <li>• 802.11b, 1Mbps : -93.5dBm maximum</li> <li>• 802.11b, 11Mbps : -84dBm maximum</li> <li>• 802.11a/g, 6Mbps : -86dBm maximum</li> <li>• 802.11a/g, 54Mbps : -72dBm maximum</li> <li>• 802.11n, MCS07 : -67dBm maximum</li> <li>• 802.11n, MCS15 : -64dBm maximum</li> <li>• 802.11ac, MCS0 : -84dBm maximum</li> <li>• 802.11ac, MCS9 : -59dBm maximum</li> <li>• 802.11ax, MCS11(HT40): -59dBm maximum</li> <li>• 802.11ax, MCS11(VHT160): -58.5dBm maximum</li> </ul>
<b>Antenna type</b>	High efficiency antenna with spatial diversity, mounted in the display enclosure Two embedded dual band 2.4/5 GHz antennas are provided to the card to support WLAN MIMO communications and Bluetooth communications
<b>Form Factor</b>	PCI-Express M.2 MiniCard with CNVi Interface
<b>Dimensions</b>	1. Type 2230 : 2.3 x 22.0 x 30.0 mm 2. Type 1216: 1.67 x 12.0 x 16.0 mm
<b>Weight</b>	1. Type 2230 : 2.8g 2. Type 126: 1.3g
<b>Operating Voltage</b>	3.3v +/- 9%
<b>Temperature</b>	Operating 14° to 158° F (–10° to 70° C) Non-operating –40° to 176° F (–40° to 80° C)
<b>Humidity</b>	Operating 10% to 90% (non-condensing) Non-operating 5% to 95% (non-condensing)
<b>Altitude</b>	Operating 0 to 10,000 ft (3,048 m) Non-operating 0 to 50,000 ft (15,240 m)
<b>LED Activity</b>	LED Amber – Radio OFF; LED Off – Radio ON



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Technical Specifications

## Integrated Module with Bluetooth 5.1 Wireless Technology

<b>Bluetooth Specification</b>	4.0/4.1/4.2/5.0/5.1 Compliant
<b>Frequency Band</b>	2402 to 2480 MHz
<b>Number of Available Channels</b>	Legacy : 0~79 (1 MHz/CH) BLE : 0~39 (2 MHz/CH)
<b>Data Rates and Throughput</b>	Legacy : 3 Mbps data rate; throughput up to 2.17 Mbps BLE : 1 Mbps data rate; throughput up to 0.2 Mbps Legacy : Synchronous Connection Oriented links up to 3, 64 kbps, voice channels Legacy : Asynchronous Connection Less links 2178.1 kbps/177.1 kbps asymmetric (3-DH5) or 864 kbps symmetric (3-EV5)
<b>Transmit Power</b>	The Bluetooth component shall operate as a Class II Bluetooth device with a maximum transmit power of + 9.5 dBm for BR and EDR.

1. Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax devices. Only available in countries where 802.11ax is supported.
  2. The FCC has declared as of September 1, 2014 products that utilize passive scanning on channel 12/13 and are capable of transmitting must fully comply with requirements of 15.247 or otherwise disable those channels.
  3. Check latest software/driver release for updates on supported security features.
  4. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CKK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).
  5. Wi-Fi 5 or 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels.
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Technical Specifications

POWER

HP Smart 45 W USB Type-C adapter	Dimensions	3.74 x 1.69 x 1.08 in (9.5 x 4.3 x 2.75 cm)
	Weight	0.45 lbs (200g) max (Not including power cord. Power cord varies by country.)
	Input	100 to 240 VAC
	Input Efficiency	Average Efficiency of 25%, 50%, 75%, 100% load condition with 115Vac/230Vac Spec: 5V : 81.5% 9V : 86.7% 12V : 87.41% 15V : 87.8%
	Input frequency range	47 ~ 63Hz
	Input AC current	Max. 1.4 A at 90 Vac
	Output	5V/9V/12V/15V
	Output power	45W
	DC output	5V/9V/12V/15V
	Hold-up time	5ms at 115 Vac input
	Output current limit	<5.0A
	Connector	USB Type-C®
	Operating temperature	32°F to 95°F (0°to 35°C)
	Non-operating (storage) temperature	-4°F to 185°F (-20° to 85°C)
	Altitude	0 to 16,400 ft (0 to 5000m)
	Humidity	20% to 95%
	Storage Humidity	10% to 95%
	EMI and Safety Certifications	Eg: *CE Mark - full compliance with LVD and EMC directives * Worldwide safety standards - IEC60950, EN60950, UL60950, Class1, SELV; Agency approvals - C-UL-US, NORDICS, DENAN, EN55022 Class B, FCC Class B, CISPR22 Class B, CCC, NOM-1 NYCE. * MTBF - over 200,000 hours at 25°C ambient condition.

## Technical Specifications

HP Long Life 2-cell, 47 Wh Li-ion polymer	Dimensions (H x W x L)	5.2 x 240.8 x 76.4 mm (0.204 x 9.48 x 3 inch)
	Weight	0.192 kg (0.42 lb)
	Cells/Type	2cell Lithium-Ion Polymer cell / 4473A9
	Energy	
	Voltage	8.8V
	Amp-hour capacity	6.150 Ah
	Watt-hour capacity	47.3 Wh
	Temperature	
	Operating (Charging)	32° to 113° F (0° to 45° C)
	Operating (Discharging)	14° to 122° F (-10° to 60° C)
	Fuel Gauge LED	NA
	Warranty	1-year <sup>6</sup>
	Optional Travel Battery Available	No

## COUNTRY OF ORIGIN

China

### Options and Accessories (sold separately and availability may vary by country)

Category	Description	Part Number
<b>Cases</b>	HP Prelude Pro Recycled 15.6 Backpack	1X644AA, 1X644UT, 1X644ET
	HP Prelude Pro Recycled 15.6 Top Load	1X645AA, 1X645UT, 1X645ET
<b>Docking</b>	HP USB-C/A Universal Dock G2	5TW13AA, 5TW13UT, 5TW13ET
	HP USB-C Travel Hub G2	7PJ38AA
<b>Input/Output</b>	HP Bluetooth Fingerprint Reader USB Mouse	4TS44AA, 4TS44UT, 4TS44ET
	HP Bluetooth Travel Bluetooth Mouse	6SP30AA, 6SP30UT, 6SP30ET
	HP Comfort Grip USB Wireless Mouse	H2L63AA, H2L63UT
	HP USB 320M Wired Mouse	9VA80AA, 9VA80UT, 9VA80ET
	HP USB Laser 3 Button USB Mouse	H4B81AA, H4B81ET
	HP USB Premium USB Mouse	1JR32AA, 1JR32UT
	HP USB Premium Wireless Mouse	1JR31AA, 1JR31UT
	HP USB Travel USB Mouse	G1K28AA, G1K28ET
	HP Wireless 2.4GHz X4000 Bluetooth Mouse	H3T50AA, H3T50UT
	HP WL USB Agnes Keyboard	T6U20AA, T6U20UT
	HP Slim Wireless Keyboard and Mouse	T6L04AA, T6L04UT
	HP Wireless USB Premium Keyboard	Z9N41AA, Z9N41AT
	HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA, 3M165UT
	HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA, 9SR36UT, 9SR36ET
	HP 235 WL Mouse and Keyboard Combo	1Y4D0AA, 1Y4D0UT
	HP 125 Wired Keyboard	266C9AA, 266C9UT
	HP 225 Wired Mouse and Keyboard Combo	286J4AA, 286J4UT
	HP HDMI to DVI Adapter	F5A28AA
	HP HDMI to VGA Adapter	H4F02AA, H4F02UT, H4F02ET
	HP USB-C to HDMI 2.0 Adapter	2PC54AA, 1WC36UT, 1WC36AA
	HP USB-C to RJ45 Adapter	V8Y76AA, V7W66AA, V7W66UT
	HP USB-C to USB 3.0 Adapter	N2Z63AA, N2Z63UT
	HP USB-C to VGA Adapter	P7Z54AA, N9K76AA, N9K76UT
<b>Power</b>	HP 45W USB-C® G2 AC Power Adapter	1HE07AA
	HP 45W USB-C® LC AC Power Adapter	1MZ01AA
	HP 65W USB-C® AC Power Adapter	1HE08AA
	HP 65W USB-C® Slim Travel AC Power Adapter	X7W50AA, 3PN48AA, 3PN48UT
<b>Security</b>	HP Nano Cable Lock	1AJ39AA, 1AJ39UT
	HP SureKey Standard/Nano/Wedge Cable Lock	6UW42AA, 6UW42UT
<b>UCC</b>	HP Stereo 3.5mm Headset	T1A66AA
	HP Wired USB-A Stereo Headset	T1A67AA

### Summary of Changes

Date of change:	Version History:	Updated	Description of change:
March 10, 2021	V1 to V2	Add	Battery Life
March 31, 2021	V2 to V3	Updated	Bluetooth version
August 3, 2021	V3 to V4	Add	Zero Touch Enrollment in Security Management

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